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**THE FOLLOWING ARE THE ENGLISH TRANSLATION
OF ANNEXES TO THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT (ARTICLE 34):**

Amended Sheets (Pages 28-34)

CLAIMS

1. Device for measuring radiant energy comprising:

- 5 - a carrier comprising first means (10, 100, 200, 300) allowing the absorption of radiant energy, and second means (11, 110, 210, 310) enabling the provision of one or more electric signals in relation to the absorbed radiant energy,
- 10 - a substrate (12, 120, 220, 320) comprising reading means (13, 125, 225, 228, 325) to read said electric signals, the carrier being mobile relative to the substrate.

15 2. Device for measuring radiant energy as in claim 1, the reading means (13, 125, 225, 325) being fixed.

20 3. Device for measuring radiant energy as in claim 1, the reading means (228) being mobile.

 4. Device for measuring radiant energy as in claim 3, the first means and the reading means being mobile.

25 5. Device for measuring radiant energy as in any of claims 1 to 4, able to take up a position in which the second means (11, 110, 210, 310) are not electrically connected to the reading means (13, 125, 225, 228, 325).

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6. Device for measuring radiant energy as
in any of claims 1 to 5, able to take up a position in
which the substrate (12, 120, 220, 320) and the carrier
are connected or attached solely via insulating zones
5 (14, 123, 208, 323) belonging to the carrier or/and the
substrate.

7. Device for measuring radiant energy as
in any of claims 1 to 6, able to take up a position in
10 which the carrier is neither attached to nor in contact
with the substrate (12, 320).

8. Device for measuring radiant energy as
in claim 7, able to take up a position in which the
15 carrier is in levitation with respect to the substrate
(12, 320).

9. Device for measuring radiant energy as
in any of claims 5 to 8, said position being a position
20 in which the device is able to take a measurement.

10. Device for measuring radiant energy
as in any of claims 5 to 9, the position being a
position in which the first means (10, 100, 200, 300)
25 are able to heat.

11. Device for measuring radiant energy
as in any of claims 5 to 10, able to take up at least
one other position in which the second means (11, 110,
30 210, 310) are electrically connected to the reading
means (13, 125, 225, 228, 325).

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12. Device for measuring radiant energy as in any of claims 5 to 11, able to take up at least one other position in which the conductor zones (115, 215, 315) of the carrier are in contact with other conductor zones (13, 125, 225, 228, 325, 326) of the substrate.

13. Device for measuring radiant energy as in any of claims 5 to 11, able to take up at least one other position in which the conductor zones (115, 215, 315) of the carrier are in contact with the reading means (13, 125, 225, 228, 325) of the substrate.

14. Device for measuring radiant energy as in any of claims 11 to 13, the other position being a position in which the reading means (13, 125, 225, 228, 325) are able to acquire said electric signals.

15. Device for measuring radiant energy as in any of claims 11 to 13, the other position being a position in which the first means (10, 100, 200, 300) are able to cool.

16. Device for measuring radiant energy as in any of claims 1 to 6, the substrate (120, 220) and the carrier being mechanically attached or linked.

17. Device for measuring radiant energy as in claim 16, the carrier being attached to the substrate (220) via suspending means (208).

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18. Device for measuring radiant energy
as in claim 16 or 17, the suspending means (208) being
flexible.

5 19. Device for measuring radiant energy
as in either of claims 17 or 18, the suspending means
(208) being in a thermal insulating material.

20. Device for measuring radiant energy
10 as in any of claims 1 to 15, the substrate (12, 320)
and the carrier being mechanically independent.

21. Device for measuring radiant energy
as in any of claims 1 to 20, also comprising: actuating
15 means (17, 19, 107, 127, 307, 327) enabling
displacement of the first means (10, 100, 200, 300)
with respect to the reading means (13, 125, 225, 228,
325).

20 22. Device for measuring radiant energy
as in claim 21, the actuating means (17, 19, 107, 127,
307, 327) enabling displacement of the carrier.

23. Device for measuring radiant energy
25 as in either of claims 21 or 22, the actuating means
enabling displacement of the reading means.

24. Device for measuring radiant energy
as in any of claims 21 to 23, the actuating means being
30 at least partly thermomechanical, or piezoelectric or
electromagnetic or electrostatic.

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25. Device for measuring radiant energy
as in any of claims 21 to 24, the actuating means
comprising one or more electrodes (17, 207a, 207b,
307a, 307b) belonging to the carrier or/and one or more
5 electrodes (19, 227a, 227b, 327a, 327b) belonging to
the substrate.

26. Device for measuring radiant energy
as in any of claims 21 to 25, wherein the actuating
10 means are piezoelectric, the reading means (228) being
able to lengthen to enter into contact with the
carrier.

27. Device for measuring radiant energy
15 as in any of claims 1 to 26, said reading means being
formed of one or more conductor pads (13, 125, 225,
228, 325).

28. Device for measuring radiant energy
20 as in any of claims 1 to 27, the substrate (12, 120,
220, 320) comprising one or more circuits for
processing said electric signals.

29. Device for measuring radiant energy
25 as in any of claims 1 to 28, the substrate comprising
one or more circuits enabling polarization of said
second means.

30. Device for measuring radiant energy
30 as in any of claims 1 to 29, the first means (10, 100,

200, 300) being formed of at least one absorbing layer
of electromagnetic radiation.

31. Device for measuring radiant
5 energy as in any of claims 1 to 30, the second means
(11, 110, 210, 310) being formed of at least one semi-
conductive or metal layer.

32. Device for measuring radiant energy
10 as in claim 31, wherein the second means (11, 110, 210,
310) are formed of at least one semi-conductive layer,
the semi-conductive layer adjoining or being integrated
in the first means (10, 100, 200, 300).

15 33. Device for measuring radiant energy
as in any of claims 1 to 32, the second means
comprising one or more thermistors.

34. Device for measuring radiant energy
20 as in any of claims 1 to 33, the substrate (300) also
comprising: a layer (399) enabling reflection of the
electromagnetic rays.

35. Device for measuring radiant energy
25 as in any of claims 1 to 34, the substrate (12, 120,
220, 320) being a semiconductor.

36. Device for measuring radiant energy
as in any of claims 1 to 35, the device for detecting
radiant energy being made in thin layers.

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37. MEMS comprising the device as in
any of claims 1 to 36.